



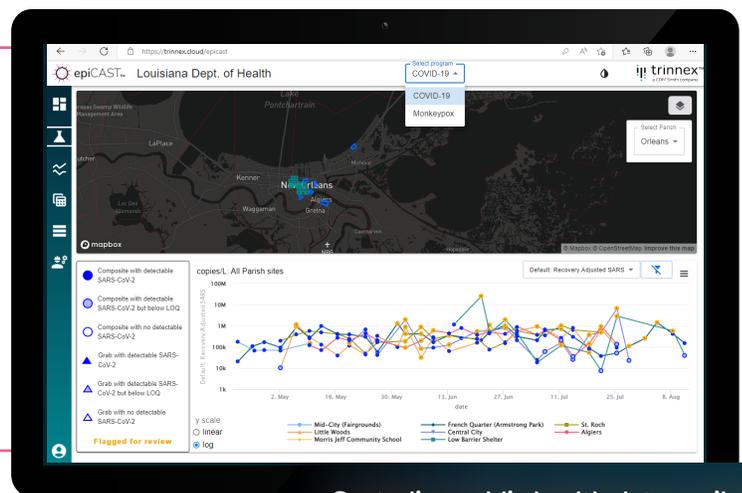
Capture. Assess. Simulate. Take Action.

## What is epiCAST™?

epiCAST is a cloud-based data analytics platform providing wastewater surveillance and predictive insights for public health initiatives. It has integrated statistical models to help identify evolving trends in viral concentration metrics of interest to public health officials as leading indicators of clinical case data. The proactive identification of wastewater concentration levels flags areas of health inequity in time to help policy makers mitigate the impact of infectious disease.

### Product Features:

- End to end sampling data collection & delivery
- Viral trend identification & early warning
- Purpose-built dashboards & notification systems
- Configurable data display & analytics (COVID-19, Monkeypox, PFAS, Water Quality, Narcotics, etc.)



## How does it work?

epiCAST digitizes wastewater surveillance to supercharge public health initiatives such as capturing a viral outbreak that precedes case and hospitalization increases or monitoring the trend of a pollutant of interest (e.g., PFAS or opioids).

- **Conduct sampling with ease:** The mobile app enables teams to capture all sampling details required by any sampling protocol. An open data connector connects to private or state labs. Integrated data management with automated QC processes provides a seamless connection between field reports and sample results.
- **Maintain field data repository:** Standardize sample collection and data storage methodologies.
- **Identify potential viral trends:** Correlate wastewater data to other public health data such as clinical cases to help contain emerging outbreaks
- **Empower community engagement:** Keep your community informed through web-based dashboarding and metrics. Send automated notifications to schools, correction departments, regional health departments, and others to report observed trends.
- **Mitigate human factor and inequality:** Reliable detection with and without symptoms and independent of healthcare access, awareness, or the availability of testing kits

Access and share your critical wastewater surveillance data in near real-time at your desk, on the go, or with the community using web and mobile-based applications.

Centralize public health data available from your sewers to mitigate emerging outbreaks with one dashboard.

## Why epiCAST?

The quest for better ways to protect public health commands growing interest. As wastewater surveillance emerges with much potential, its implementation requires an overwhelming range of expertise and resources.

With epiCAST, public health agencies have a single solution built with a collection of expertise (data management, wastewater epidemiology, and water expertise), while streamlining sampling and compliance reporting processes to save you time and money. epiCAST provides a plug-and-play solution—with little customization needed on your end—and equips your team with insights and intelligence for mitigating public health risks and health inequities.



Track every data point with epiCAST.

Schedule a demo today at [trinnex.io](https://trinnex.io).

